

Attorney Docket No. 12504.528

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

United States Patent Application  
United States National Stage of PCT/US03/11008

Applicant: ARIZONA BOARD OF REGENTS, a body  
corporate of the State of Arizona, acting for  
and on behalf of ARIZONA STATE  
UNIVERSITY

Title: Structural Modification of Resveratrol: Sodium  
Resverastatin Phosphate

Serial No.: Unassigned

International Filing Date: April 10, 2003

U.S. Filing Date: October 6, 2004

Group Art Unit: Unassigned

Examiner: Unassigned

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Attached to this Information Disclosure Statement is form PTO/SB/08A listing documents that may be relevant to the subject application. Applicant respectfully requests that these documents be considered by the examiner and an initialed copy of each page of the form be returned to the undersigned.

A copy of each listed document is enclosed. Some of the documents may have markings thereon. No significance is meant to be attached to the markings.

Two of the documents are in German. A copy of the English abstract is attached to each reference.

## INFORMATION DISCLOSURE STATEMENT

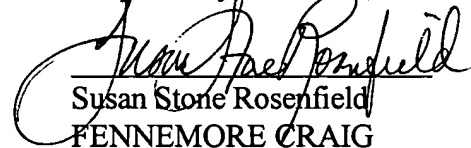
Title: Structural Modification of Resveratrol: Sodium Resverastatin Phosphate  
United States National Stage of PCT/US03/11008

Pursuant to 37 C.F.R. §§ 1.97 (g) and 1.97 (h), this disclosure statement should not be construed as a representation that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

It is believed that this disclosure complies with the requirements of 37 C.F.R. §§ 1.56, 1.97, and 1.98, and the Manual of Patent Examining Procedure § 609. If for some reason the Examiner considers otherwise, the undersigned respectfully requests that she be called so that any deficiencies can be remedied.

Dated: October 6, 2004

Respectfully submitted,



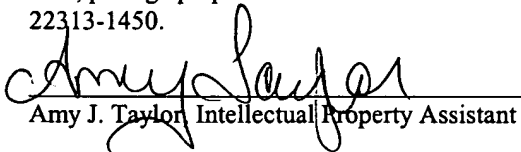
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Date of Deposit October 6, 2004

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Amy J. Taylor, Intellectual Property Assistant

October 6, 2004  
Date of Signature

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

### Complete if Known

Application Number	Unassigned
Filing Date	October 6, 2004
First Named Inventor	George Pettit
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	12504.528

Sheet 1 of 2

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 2003/0118617 A1	06/26/2003	Soby et al.	
		US- 2002/0028852 A1	03/07/2002	Ghai et al.	
		US-			
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### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
		WO 01/60774 A1	23/08/2001	Andrus et al.		

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	Unassigned
		Filing Date	October 6, 2004
		First Named Inventor	Pettit
		Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet 2 of 2	Attorney Docket Number	12504.528	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		International Search Report for PCT/US03/11008 dated August 21, 2003	
		International Preliminary Examination Report for PCT/US03/11008 dated July 23, 2004	
		Cushman et al., "Synthesis and Evaluation of Analogues of (Z)-1-(4-Methoxyphenyl)-2-(3,4,5-trimethoxyphenyl)ethene as Potential Cytotoxic and Antimitotic Agents", J. Med. Chem. 35:2293-2306 (1992).	
		Ryu et al., "Antitumor Activity of Some Phenolic Components in Plants", Arch. Pharm. Res. Vol. 17, No. 1, pp. 42-44 (1994)	
		Takaoka, "The Synthesis of Resveratrol and Its Derivatives", Proceedings of the Imperial Academy (Tokyo), Vol. 16, pp. 405-407 (1940)	
		Rimando et al., "Cancer Chemopreventive and Antioxidant Activities of Pterostilbene, a Naturally Occurring Analogue of Resveratrol", J. Agric. Food Chem. 50:3453-3457 (2002)	
		Pettit et al., "Antineoplastic Agents. 465. Structural Modification of Resveratrol: Sodium Resverastatin Phosphate", J. Med. Chem. 45:2534-2542 (2002)	
		Spath et al., "Constituents of red sandal wood. III. Synthesis of Pterostilbene", Ber. Vol. 74B, pp. 189-192 (February 1941) (Abstract attached)	
		Gracza et al., "High-performance liquid chromatographic separation and quantitative determination of plant stilbene derivatives", Journal of Chromatography, Vol. 287, No. 2, pp. 462-465 (April 1984) (Abstract attached)	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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